

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
 Data File : BM014167.D
 Acq On : 07 Feb 2018 18:55
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD 1 PPM
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Manual Integrations
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Quant Time: Feb 08 10:40:02 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	82241	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	336537	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	223439	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	526120	20.00	ng	0.00
75) Chrysene-d12	21.17	240	571190	20.00	ng	0.00
86) Perylene-d12	23.34	264	514310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	618885	131.16	ng	0.00
7) Phenol-d6	6.73	99	833004	124.65	ng	0.00
23) Nitrobenzene-d5	8.70	82	699296	92.82	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	398194	125.59	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1589156	88.78	ng	0.00
78) Terphenyl-d14	19.60	244	2487511	85.09	ng	0.00

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

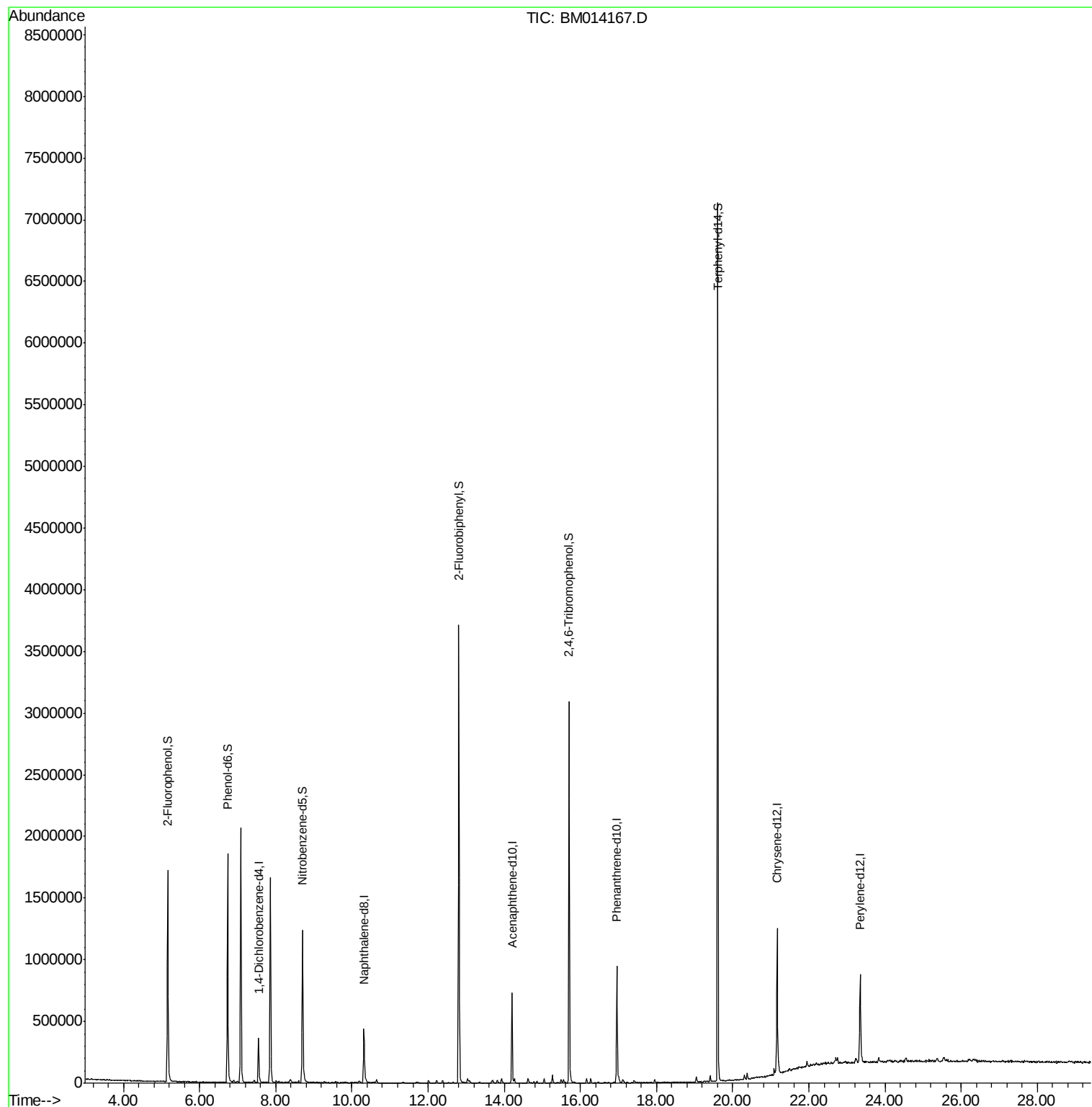
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014167.D
Acq On : 07 Feb 2018 18:55
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Misc : LOD 1 PPM
ALS Vial : 3 Sample Multiplier: 1

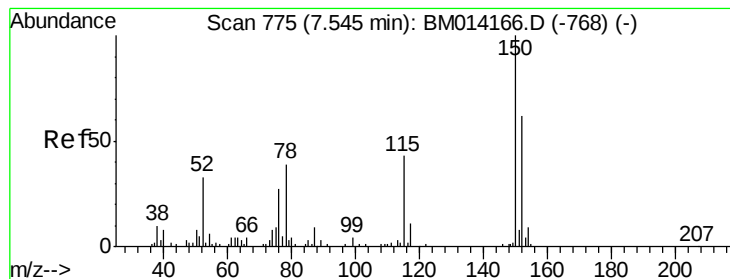
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#1

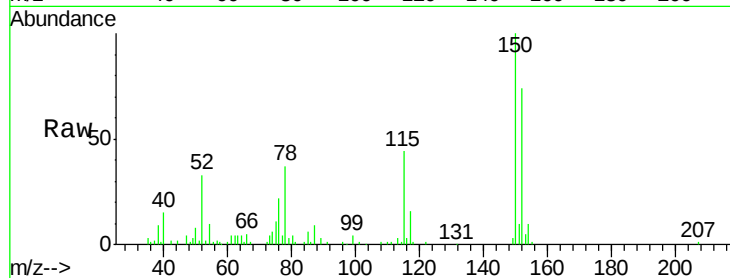
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014167.D
Acq: 07 Feb 2018 18:55

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	135.8	119.5	179.3
115	60.1	43.0	64.4

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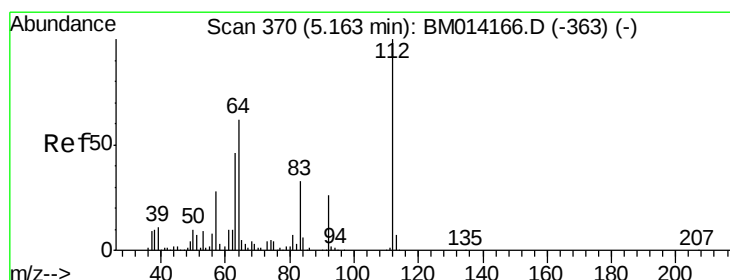
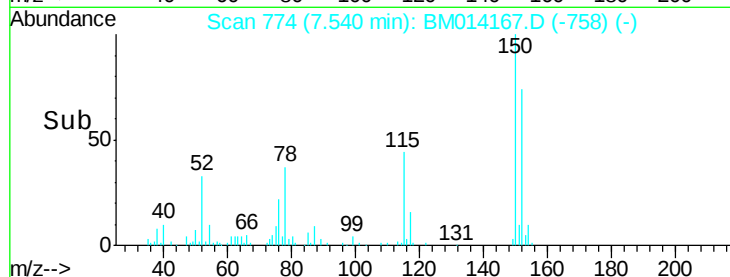
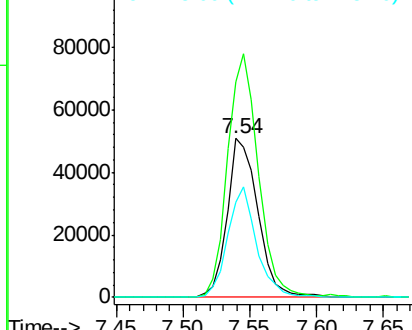


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

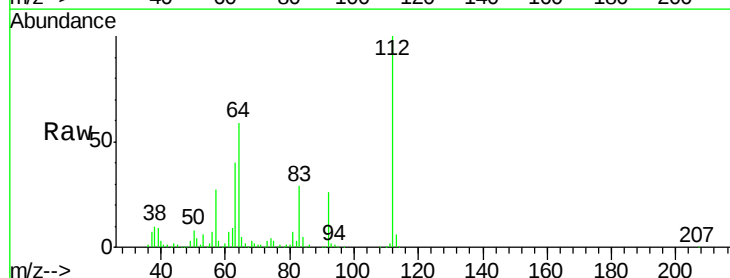
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.16 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014167.D
Acq: 07 Feb 2018 18:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	38.6	57.8#
63	40.3	19.3	28.9#

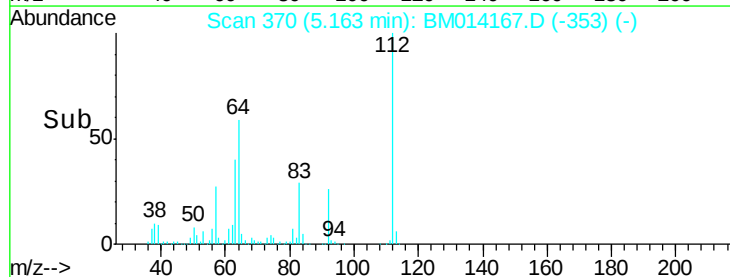
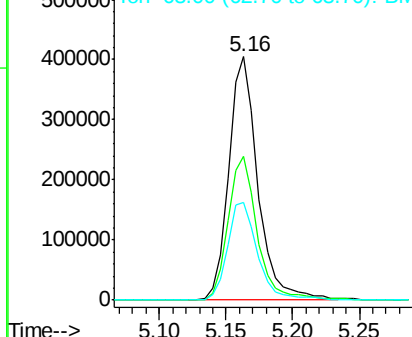


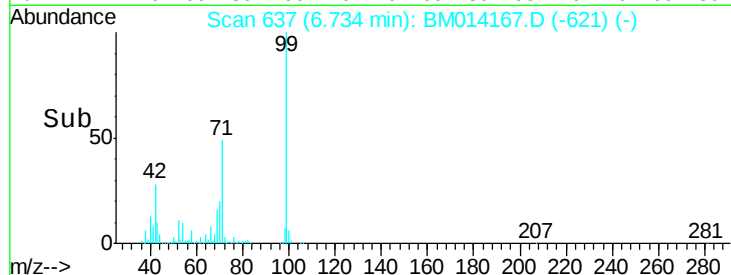
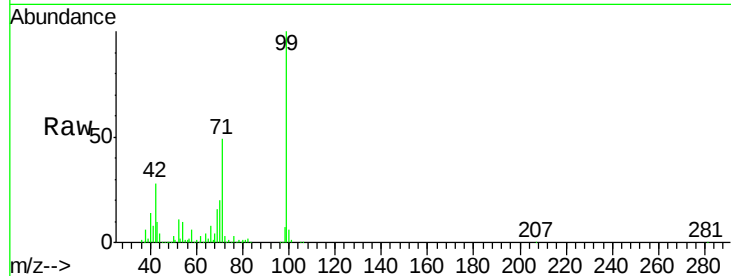
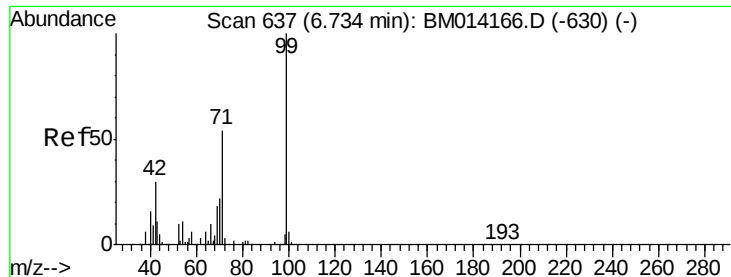
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 124.65 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014167.D

Acq: 07 Feb 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	833004		
42	27.8	11.0	16.4#	
71	49.2	23.4	35.2#	

Instrument :

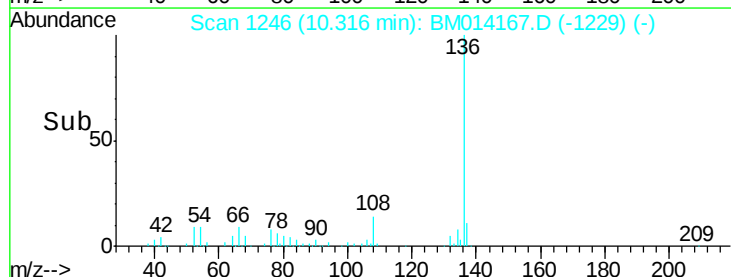
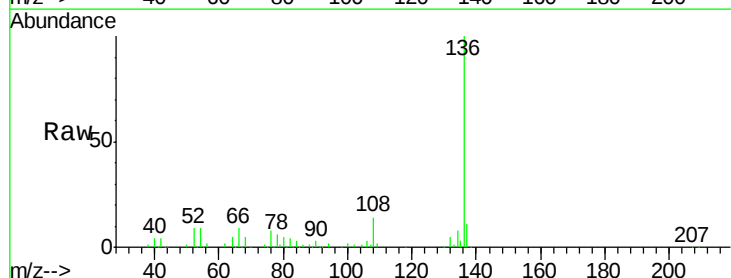
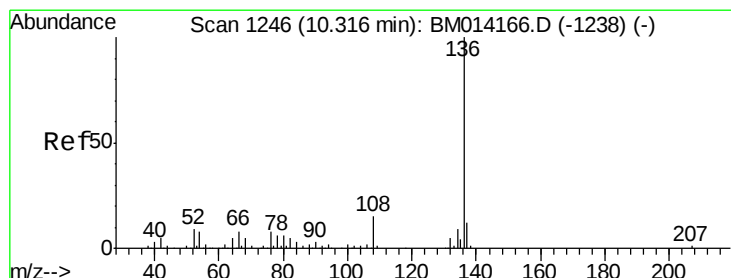
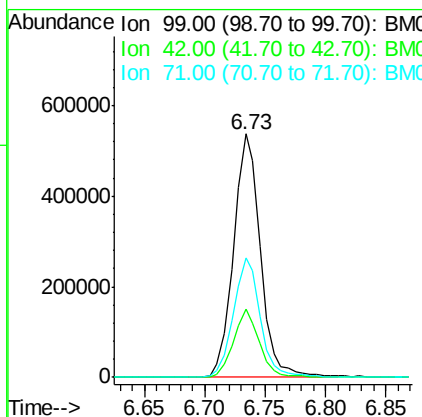
BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

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#21

Naphthalene-d8

Concen: 20.00 ng

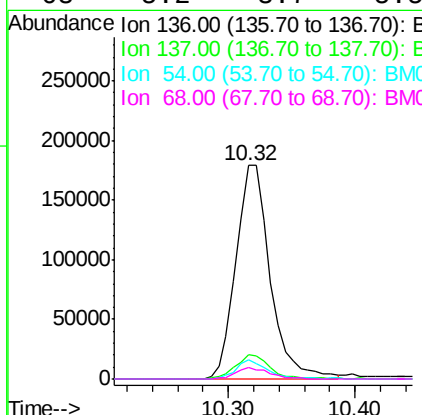
RT: 10.32 min Scan# 1246

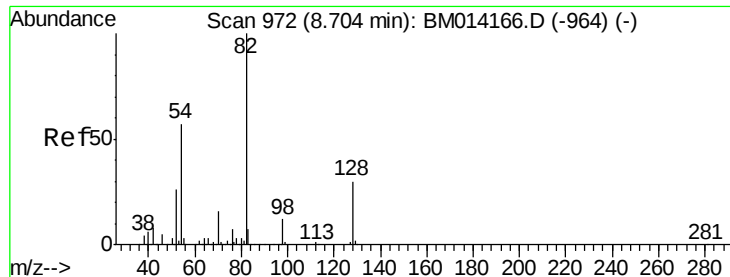
Delta R.T. -0.00 min

Lab File: BM014167.D

Acq: 07 Feb 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	336537		
137	11.3	8.7	13.1	
54	8.7	4.6	6.8#	
68	5.2	3.7	5.5	





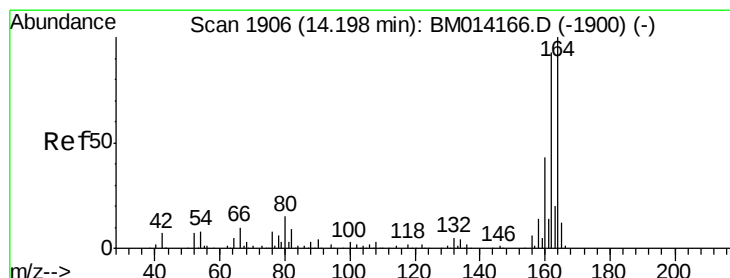
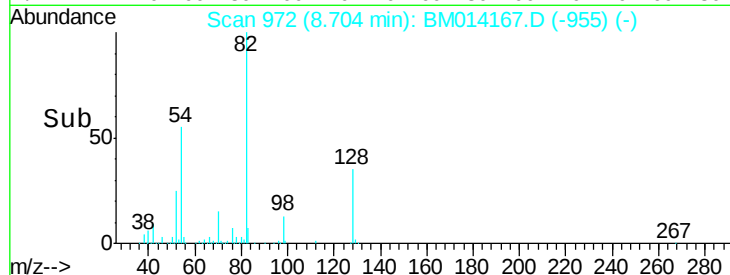
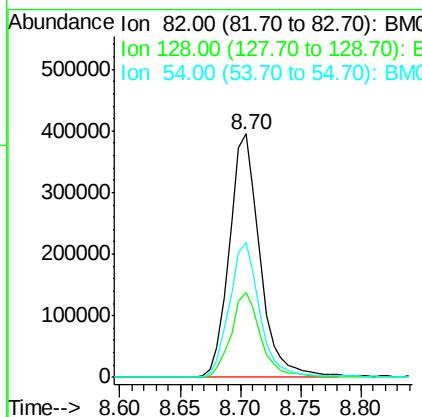
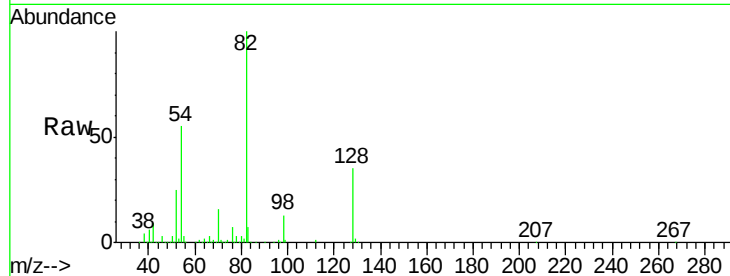
#23
 Nitrobenzene-d5
 Concen: 92.82 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM014167.D
 Acq: 07 Feb 2018 18:55

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	699296		
128	35.0	32.8	49.2	
54	55.3	40.6	60.8	

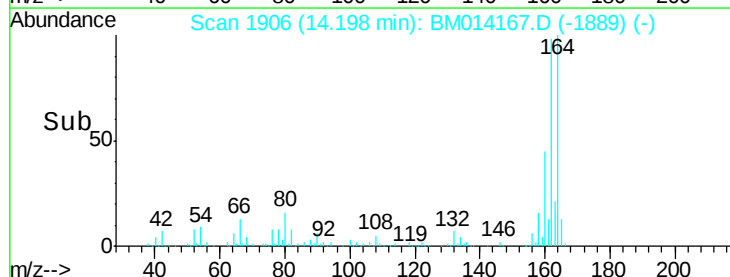
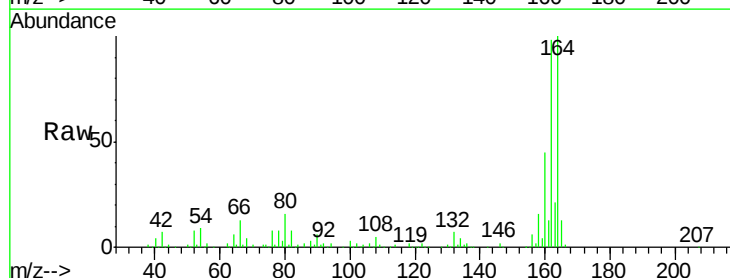
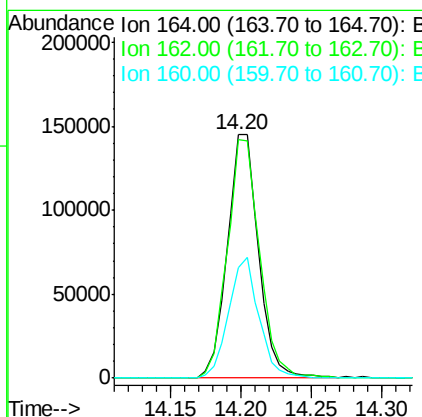
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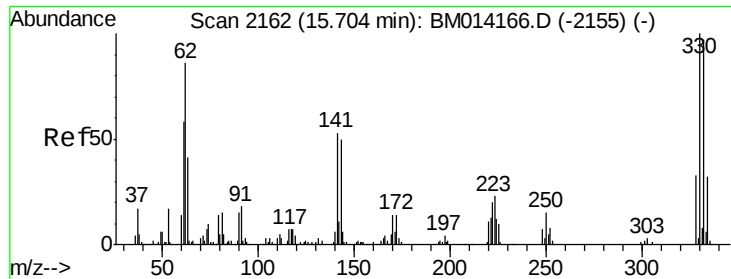
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BM014167.D
 Acq: 07 Feb 2018 18:55

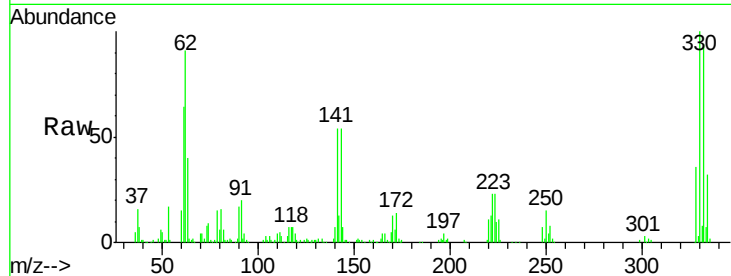
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	223439		
162	97.8	82.4	123.6	
160	45.4	35.8	53.6	





#41
 2,4,6-Tribromophenol
 Concen: 125.59 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BM014167.D
 Acq: 07 Feb 2018 18:55

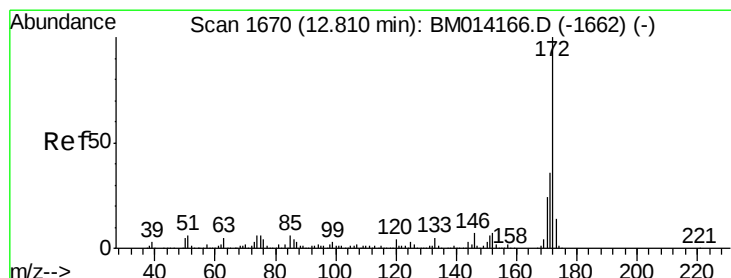
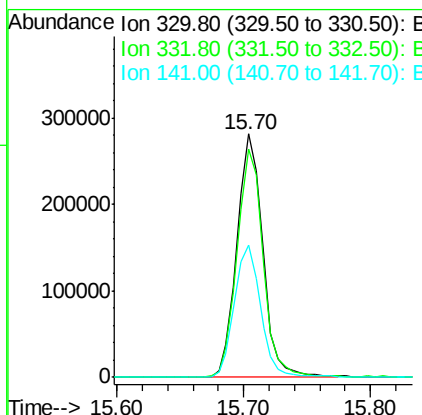
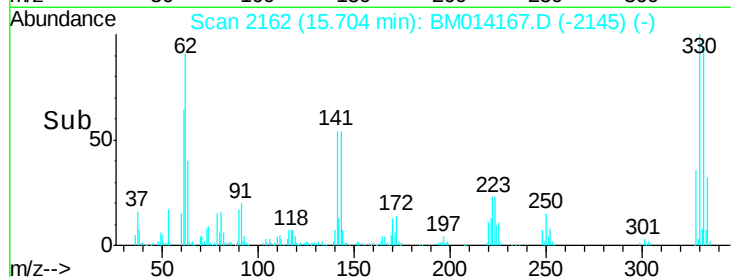
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2018



Tgt Ion	Ratio	Resp	Lower	Upper
330	100	398194		
332	94.5	0.0	0.0	0.0
141	55.1	0.0	0.0	0.0

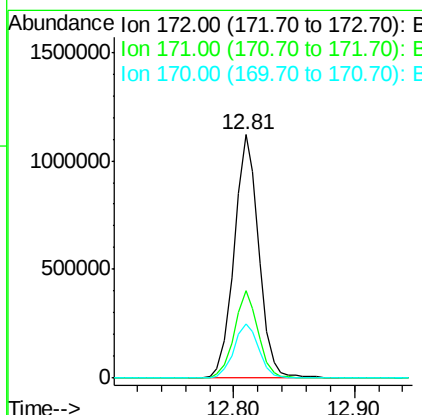
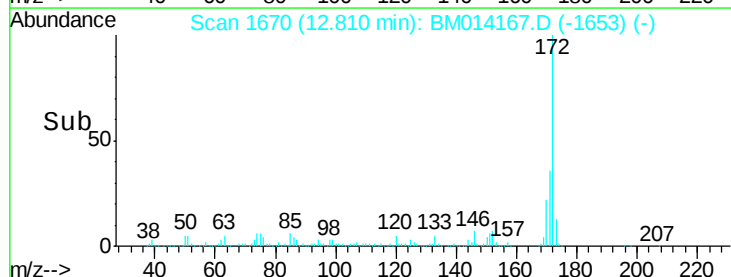
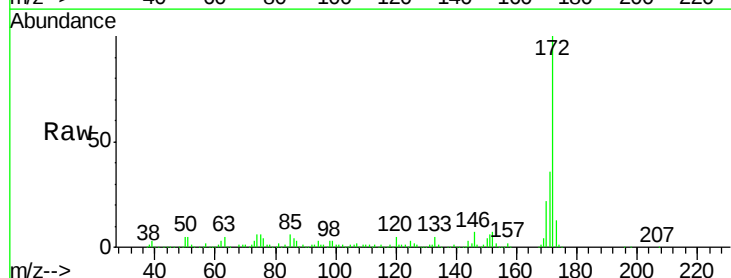
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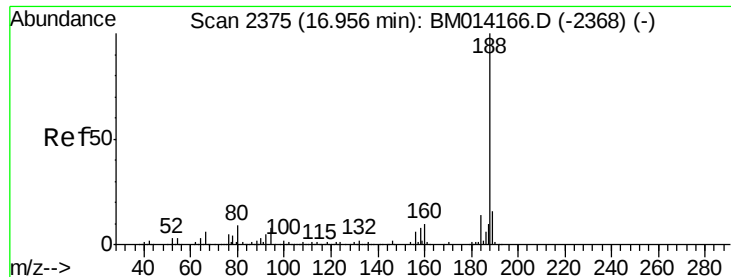
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#44
 2-Fluorobiphenyl
 Concen: 88.78 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM014167.D
 Acq: 07 Feb 2018 18:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1589156		
171	35.7	28.5	42.7	
170	22.4	18.8	28.2	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2376

Delta R.T. 0.01 min

Lab File: BM014167.D

Acq: 07 Feb 2018 18:55

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2018

Tgt Ion:188 Resp: 526120
Ion Ratio Lower Upper

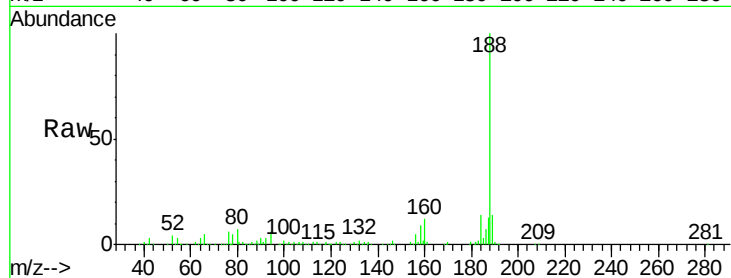
188 100

94 5.6 8.7 13.1#

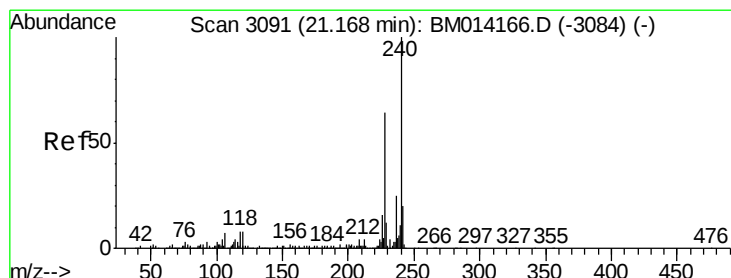
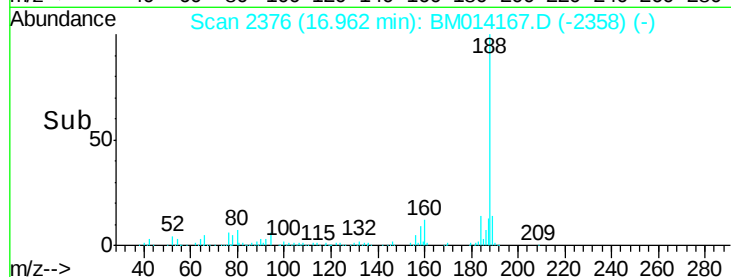
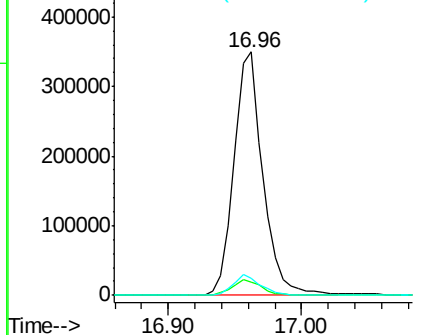
80 7.3 9.3 13.9#

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Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM014167.D

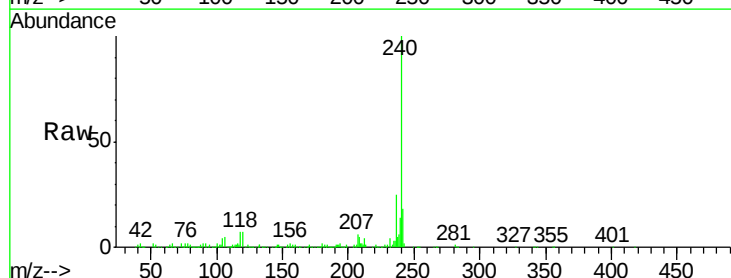
Acq: 07 Feb 2018 18:55

Tgt Ion:240 Resp: 571190
Ion Ratio Lower Upper

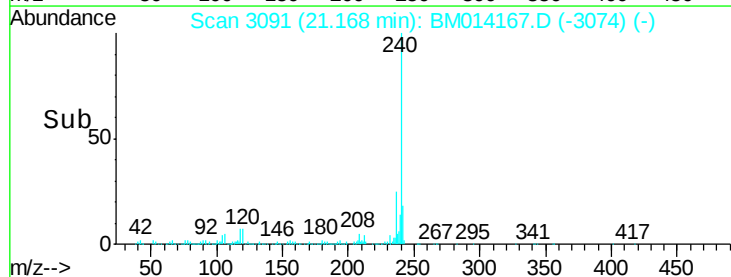
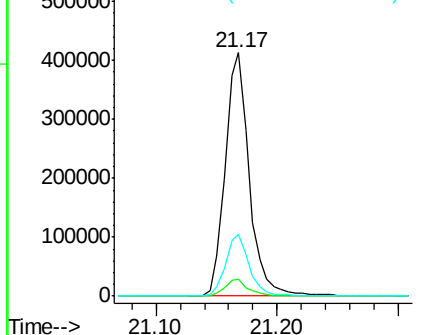
240 100

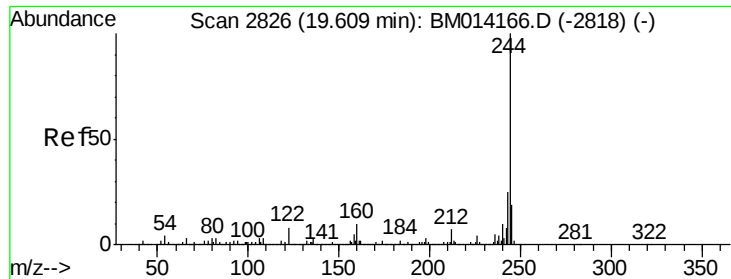
120 6.8 8.2 12.2#

236 25.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





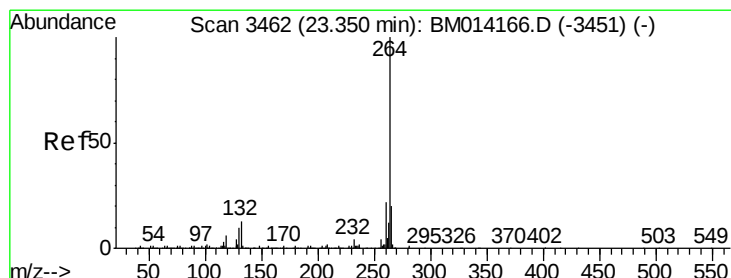
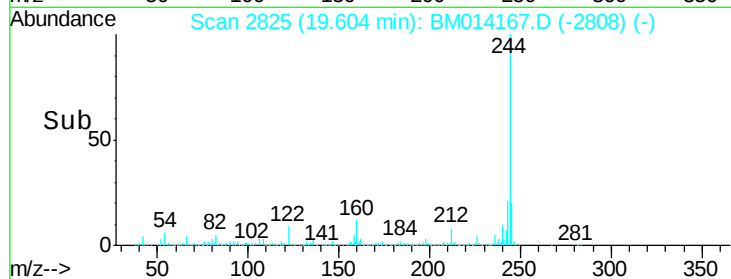
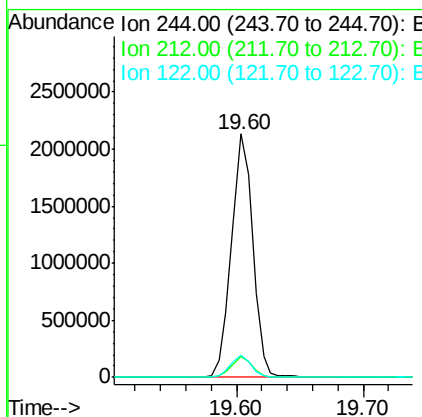
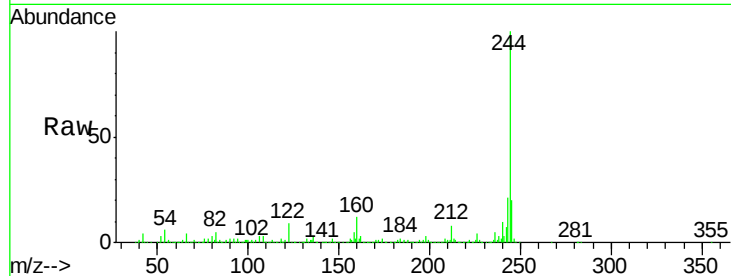
#78
 Terphenyl-d14
 Concen: 85.09 ng
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.00 min
 Lab File: BM014167.D
 Acq: 07 Feb 2018 18:55

Instrument :
 BNA_M
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 LOD-MDL-SOIL-01-QT1-2018

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	8.9	6.2	9.4

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.34 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: BM014167.D
 Acq: 07 Feb 2018 18:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	20.2	17.3	25.9

